



WARC Update **November 2018**

Harvest is officially over at the Western Applied Research Corporation! We harvested our last trials on October 5th, which made celebrating Thanksgiving even more exciting this year. However, despite harvest being finished, the outdoor work did not stop there. We kept busy in October flagging fall trials and putting down fall applications, scouting areas for next years' projects, and preparing the fields for winter to set in. Other jobs, including seed cleaning, seed counting, data entry, proposal writing, and organizing samples kept us busy as well.

The office season is officially beginning, as computer work starts to take up more and more of our days. However, coming up with new project ideas and crafting proposals for the 2019 trial season has everyone excited as we look forward to next year. As one project season wraps up, work begins on the next one. Needless to say, there is never a dull moment at the Western Applied Research Corporation!



Events

The 2019 Crop Opportunity Meeting will be held in March of 2019 at the Dekker Centre in North Battleford. The day will include exciting presentations on current research and agronomy practices industry experts. Stay tuned for more event details including date, speakers, and agenda!

Research Update – Fall Applications for 2019 Projects

Project: Herbicide Options in Lentils for Managing Kochia and Wild Mustard

Objectives:

- 1) Demonstrate layering of herbicides using soil applied in combination with pre-emergence burndown options compared to burndown only for managing development and control of herbicide resistant weeds.
- 2) Demonstrate fall vs. spring applications on consistency in weed control with Focus and Treflan.
- 3) Demonstrate new herbicide options coming soon for growers.

Treatments:

- 1) Control – In-crop only (Solo)
- 2) Spring pre-emergence only (glyphosate)
- 3) Spring pre-emergence only (heat + glyphosate)
- 4) Spring pre-emergence only (Goldwing + glyphosate)
- 5) Fall Edge



- 6) Fall Edge + Spring Heat
- 7) Fall Focus + Fall Express SG
- 8) Fall Focus
- 9) Fall Focus + Spring (Aim or Heat) pre
- 10) Spring Focus
- 11) Fall Valtera (new liquid formulation)
- 12) Fall Valtera (new liquid formulation) + Spring Goldwing
- 13) Fall Fierce
- 14) Fall Fierce + Spring Goldwing pre
- 15) Spring Heat Complete



We put down the fall applications on October 22nd with the bicycle sprayer and the Gandy spreader. Spring applications and data collection will take place in the 2019 growing season.

Project: 4R Nitrogen Product and Application Timing (Fall vs. Spring) in Spring Wheat

Objectives: To demonstrate canola response to varying rates of N along with different combinations of formulations, timing, and placement methods relative to side-banded, untreated urea as a control.

Treatments:

- 1) Fall Broadcast – Untreated Urea
- 2) Fall Broadcast – ESN
- 3) Fall Broadcast – Agrotain
- 4) Fall Broadcast – SuperU
- 5) Side-Band – Untreated Urea
- 6) Side-Band – ESN
- 7) Side-Band – Agrotain
- 8) Side-Band – SuperU
- 9) Spring Broadcast – Untreated Urea
- 10) Spring Broadcast – ESN
- 11) Spring Broadcast – Agrotain
- 12) Spring Broadcast – Super U



Fall applications were put down on October 22. Spring applications, along with data collection and analysis, will take place in 2019.

Watch for more information, photos, and results from these trials in 2019!



We are looking for Summer Students for the 2019 Crop Season!

Responsibilities Include:

- Pre-seed calibrations, seed and fertilizer setup, site development, and soil testing
- Assisting in crop scouting, crop health management, and weed and disease identification
- Managing and operating technical equipment including tractors and sprayers
- Data collection throughout the growing season including: soil sampling, green-seeking, ratings (disease, lodging, maturity), and overall treatment applications
- Assisting in hosting extension events including Weed ID Workshop and Field Day



This job provides experience in all aspects of agriculture and allows you to work both independently and in a group setting.

We are looking for summer students to work from April 29, 2019 – August 30, 2019. The work is 90% outdoors. Full time hours are Monday to Friday, 8:00 a.m. to 4:30 p.m.



For more information or to apply, email resume to:

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For more information about WARC, visit our website or follow us on twitter!

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If you have questions, call our office anytime at (306) 247-2001 or email exec.admin@warc.ca.